Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14275	"GPR" or ((ground adj penetrating) and radar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:30
L2	88181	radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:30
L3	712	L1 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:30
L4	237791	marker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:30
L5	66	L3 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:30
L6	1977980	optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:30
L7	35	L5 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:30
L8	31	L5 not L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:30

L9	1	8 and @pd>="20050106" and @ad<="20031003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:34
L10	6166	((342/22) or (342/27) or (342/52) or (342/54) or (342/179) or (342/190) or (342/192) or (342/450) or (342/452) or (342/459) or (342/463) or (436/147) or (436/173) or (336/232) or (324/242) or (324/243) or (324/326) or (324/345) or (340/870.32)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/01/09 08:35
L11	228	L10 and @pd>="20050106" and @ad<="20031003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 08:35

SEARCH NOTES FOR EAST AND IEEE AND INSPEC AND IP.COM

SERIAL NUMBER 10678702

EAST SEARCH

EAST: search history attached

IEEE SEARCH

Search terms:

ground <and> penetrating <and> radar <and> optical

1. **"A new bistatic GPR system using a passive optical sensor for landmine detection,** Sato, M., Advanced Ground Penetrating Radar, 2003. Proceedings of the 2nd International Workshop on 14-16 May 2003 Page(s): 164 - 167
2. **"Bistatic GPR system for landmine detection using optical electric field",** Sato, M. Antennas and Propagation Society International Symposium, 2003. IEEE Volume 2, 22-27 June 2003 Page(s): 207 - 210 vol.2

INSPEC SEARCH

Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	ground AND penetrating AND radar AND optical	unrestricted	687	show titles
2	INZZ	marker	unrestricted	5272	show titles
3	INZZ	1 AND 2	unrestricted	0	-
4	INZZ	position	unrestricted	206572	show titles
5	INZZ	1 AND 4	unrestricted	41	show titles

Inspec - 1969 to date (INZZ)
Handheld GPR and MD sensor for landmine detection.
Source
2005 IEEE Antennas and Propagation Society International Symposium (IEEE Cat. No. 05CH37629), 2005,
vol. 3B, p. 104-7 vol. 3B, 2 refs, pp. 8 vol. (xiii+5478), ISBN: 0-7803-8883-6.
Publisher: IEEE, Piscataway, NJ, USA.
Author affiliation

Sato, M., Xuan Feng, Tohoku Univ., Sendai, Japan.

Polarimetric bistatic GPR imaging and detection of landmines in the near field with the "vampire effect".

Source

ANTEM 2004/URSI – 10th International Symposium on Antenna Technology and Applied Electromagnetics
and URSI Conference, 2004, p. 77–81, 6 refs, pp. 682, ISBN: 0–9692563–9–6.
Publisher: ANTEM Inc, Winnipeg, Man., Canada.

Author affiliation

Phelan, M., Lo Vetri, J., Manitoba Univ., Winnipeg, Man., Canada.

IP.COM SEARCH

Search terms:

ground and penetrating and radar and optical

Result # 1 Relevance: ✪✪✪✪✪

Bistable photoconductive switches particularly suited for frequency-agile, radio-frequency sources

12-Sep-2000 IPCOM000001695D English (United States)

A photoconductive switching device is disclosed that has an enhanced speedf response so that its closed (low) and open (high) resistive states are obtained in response to optical illumination in the less than nanosecond regime. The enhanced speed of response is achieved by ...

Result # 2 Relevance: ✪✪✪✪✪

Bistable photoconductive switches particularly suited for frequency-agile, radio-frequency sources

14-Sep-2000 IPCOM000004311D English (United States)

A photoconductive switching device is disclosed that has an enhanced speed of response so that its closed (low) and open (high) resistive states are obtained in response to optical illumination in the less than nanosecond regime. The enhanced speed of response is achieved by ...

Result # 3 Relevance: ✪✪✪✪✪

Eloge: Harold Locke Hazen, 1901 - 1930

1981-01-01 IPCOM000129359D English (United States)

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